

Title (en)

BLOCKCHAIN TRANSACTION PROCESSING SYSTEMS AND METHODS

Title (de)

SYSTEME UND VERFAHREN ZUR VERARBEITUNG VON BLOCKCHAIN-TRANSAKTIONEN

Title (fr)

SYSTÈMES ET PROCÉDÉS DE TRAITEMENT DE TRANSACTION DE CHAÎNE DE BLOCS

Publication

EP 3977390 A1 20220406 (EN)

Application

EP 20897632 A 20200803

Priority

CN 2020106564 W 20200803

Abstract (en)

[origin: US2021326074A1] Disclosed are computer-implemented methods, non-transitory computer-readable media, and systems for processing blockchain transactions. One computer-implemented method includes receiving M blockchain transactions and executing N blockchain transactions out of the M blockchain transactions in parallel using K threads of a first thread pool. A second thread pool is dedicated for accessing blockchain data stored in a storage system. For blockchain transactions distributed to each one of the K threads, one or more coroutines are used for each blockchain transaction so that the blockchain transactions are executed asynchronously using the coroutines. A blockchain block is generated to include the M blockchain transactions and added to a blockchain stored in the storage system.

IPC 8 full level

G06Q 40/04 (2012.01); **G06F 9/50** (2006.01)

CPC (source: CN EP US)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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